Charlotte Z. Mann
Curriculum Vitae
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Education

2024 *(Expected)*	Ph.D., Statistics. University of Michigan, Ann Arbor, MI, USA Supervised by Johann Gagnon Bartsch, Ph.D.
2021	M.A., Statistics. University of Michigan, Ann Arbor, MI, USA
2017	B.A., Mathematics with a Statistics Track, *summa cum laude*. Carleton College, Northfield, MN, USA

Publications

Peer-Reviewed

1. **Mann, C. Z.**, Hansen, B. B., Gaydosh, L., and Lycurgus, T. (2021). "Protocol — Evaluating the effect of ACA Medicaid expansion on mortality during the COVID-19 pandemic using county level matching." *Observational Studies*, 7(2021), 1-31. https://obsstudies.org/protocol-evaluating-the-effect-of-aca-medicaid-expansion-on-mortality-during-the-covid-19-pandemic-using-county-level-matching/.

2. Lycurgus, T., Hansen, B. B., and **Mann, C. Z.**, (2021). "Addendum — Protocol: Evaluating the effect of ACA Medicaid expansion on 2015-2018 mortality through matching and weighting." *Observational Studies*, 7(2021). https://obsstudies.org/protocol-evaluating-the-effect-of-aca-medicaid-expansion-on-mortality-during-the-covid-19-pandemic-using-county-level-matching/.

Submitted Manuscripts

1. **Mann, C. Z.**, Abshire, C., Yost, M., Kaatz, S., Swaminathan, L., Flanders, S. A., Prescott, H. C., and Gagnon-Bartsch, J. A. "Derivation and external validation of a simple risk score to predict in-hospital mortality in patients hospitalized for COVID-19."

Teaching Experience

Graduate Student Instructor, UNIVERSITY OF MICHIGAN

1. *STATS 250: Introduction to Statistics and Data Analysis*   Fall 2019
   Instructor: Brenda Gunderson, Ph.D.
   - Large, non-calculus-based, cross-disciplinary introductory statistics course.
   - Taught one weekly lab sections, held office hours, and graded homework and exams.

2. *STATS 480: Survey Sampling*   Winter 2020
   Instructor: Walter Mebane, Ph.D.
   - Upper-level undergraduate introductory course to survey sampling including survey design and estimation based on different designs.
   - Designed and taught weekly lab, held office hours, and graded homework and exams.

Presentations and Posters

Presentations

2021   Michigan Student Symposium for Interdisciplinary Statistical Sciences. Ann Arbor, MI, USA.

Posters

2021   Michigan Student Symposium for Interdisciplinary Statistical Sciences. Ann Arbor, MI, USA.

Grants

1. Student Ally for Diversity Grant, Rackham Graduate School, University of Michigan, Spring/Summer 2021.

   - Collaborate with co-grantee, Zoe Rehnberg and ad-hoc department committee on math preparation.
   - Develop a curriculum for incoming PhD and Bridge Master's students to the statistics department to improve readiness for first year classes for those with diverse mathematical backgrounds.

Awards

1. Departmental Ph.D. Student Service Award. Statistics, University of Michigan, 2021.

2. Excellent Poster. Michigan Student Symposium for Interdisciplinary Statistical Sciences, 2021.

3. Outstanding First Year Student Award. Department of Statistics, University of Michigan, 2020.

Professional Service

Journals Refereed

2020   *The American Statistician*

Departmental Service

1. Student Representative, Faculty Diversity, Equity, and Inclusion Committee. Department of Statistics, University of Michigan. Fall 2020 - present.

2. Founder and Steering Committee Member, Graduate Student Justice, Equity, Diversity,and Inclusion Working Group (GS-JEDI). Department of Statistics, University of Michigan. Summer 2020 - present.

3. Chair of the PhD Student Council Recruiting Committee. Department of Statistics, , University of Michigan. AY 2020-21.

4. Member of the PhD Student Council (Social and Recruiting Committees). Department of Statistics, University of Michigan. Fall 2019 - present.

Professional Memberships

1. American Statistical Association (2016 - present)